

FORM PTO-1449
MODIFIEDU.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
98088X207433

SERIAL NO.

Unassigned

INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Hung et al.FILING DATE
November 17, 2000GROUP
Unassigned

Part of #1 (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA	AA	2,631,083	March 10, 1953	Engelson et al.	423	178	
	AB	2,771,344	November 20, 1956	Michel et al.	423	633	
	AC	2,693,406	November 2, 1954	Wendell, Jr. et al.	423	625	
	AD	2,780,525	February 5, 1957	Wendell, Jr. et al.	423	625	
	AE	2,773,741	December 11, 1956	Antonsen	423	625	
	AF	2,801,901	August 6, 1957	Dingman et al.	423	625	
	AG	2,803,038	August 20, 1957	Holland et al.	425	222	
	AH	2,828,186	March 25, 1958	Dingman et al.	423	625	
	AI	2,829,949	April 8, 1958	Wendell, Jr. et al.	422	150	
	AJ	2,847,316	August 12, 1958	Michel et al.	106	450	
	AK	3,006,738	October 31, 1961	Wagner	422	208	
	AL	3,007,774	November 7, 1961	Stokes et al.	423	132	
	AM	3,024,089	March 6, 1962	Spencer et al.	423	336	
	AN	3,065,093	November 20, 1962	Berstein et al.	106	253	
	AO	3,112,210	November 26, 1963	Carpenter	423	336	
	AP	3,130,008	April 24, 1964	Stokes et al.	106	253	
	AQ	3,166,542	January 19, 1965	Orzechowski et al.	423	336	
	AR	3,203,762	August 31, 1965	Carpenter	326	96	
	AS	3,205,177	September 7, 1965	Orzechowski et al.	423	613	
	AT	3,205,178	September 7, 1965	Orzechowski et al.	502	104	
	AU	3,212,911	October 19, 1965	Berstein et al.	106	437	
	AV	3,322,499	May 30, 1967	Carpenter et al.	423	613	
	AW	3,363,980	January 16, 1968	Krinov	423	613	
	AX	3,365,274	January 23, 1968	Carpenter et al.	423	613	
	AY	3,372,001	March 5, 1968	Wendell	422	150	
	AZ	3,406,228	October 15, 1968	Hardy et al.	264	0.5	
	BA	3,455,653	July 15, 1969	Aftandilian	423	613	
	BB	3,488,204	January 6, 1970	Jordan et al.	106	447	
	BC	3,493,342	February 3, 1970	Weaver, Jr. et al.	423	613	
	BD	3,510,291	May 5, 1970	Brush	264	5	
	BE	3,510,292	May 5, 1970	Hardy et al.	75	344	
	BF	3,607,049	September 21, 1971	Weaver	423	614	
	BG	3,663,283	May 16, 1972	Herbert et al.	106	401	
SA	BH	4,023,961	May 17, 1977	Douglas et al.	75	355	
EXAMINER	Sheba Ahmed			DATE CONSIDERED 12/8/02			

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09/7/15, 634

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Hung et al.

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November 17, 2000GROUP
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SA	BI	4,048,290	September 13, 1977	Lee	423	336	—
	BJ	4,292,290	September 29, 1981	Tunison, III	423	336	—
	BK	4,624,941	November 25, 1986	Berndt et al.	502	302	—
	BL	4,910,180	March 20, 1990	Berndt et al.	502	304	—
	BM	4,937,062	June 26, 1990	Jordan, deceased, et al.	423	592	—
	BN	5,246,624	September 21, 1993	Miller et al.	516	86	—
	BO	5,256,389	October 26, 1993	Jordan, deceased, et al.	423	592	—
	BP	5,342,597	August 30, 1994	Tunison, III	423	593	—
	BQ	5,447,708	September 5, 1995	Helble et al.	204	164	—
	BR	5,460,701	October 24, 1995	Parker et al.	204	164	—
	BS	5,472,493	December 5, 1995	Regan	106	491	—
	BT	5,599,511	February 4, 1997	Helble et al.	422	232	—
	BU	5,858,313	January 12, 1999	Park et al.	422	189	—
	BV	5,851,507	December 22, 1998	Pirzada et al.	423	659	—
	BW	5,874,684	February 23, 1999	Parker et al.	75	228	—
	BX	5,876,683	March 2, 1999	Glumac et al.	423	325	—
	BY	5,891,205	April 6, 1999	Piardi et al.	51	308	—
	BZ	5,897,675	April 27, 1999	Mangold et al.	51	309	—
SA	CA	5,938,837	August 17, 1999	Hanawa et al.	117	68	—

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO*
SA	CB	1,371,218	October 23, 1974	United Kingdom	—	—	—	—
	CC	1,371,219	October 23, 1974	United Kingdom	—	—	—	—
	CD	1,513,890	June 14, 1978	United Kingdom	—	—	—	—
	CE	2,037,726	July 16, 1980	United Kingdom	—	—	—	—
SA	CF	196 50 500	June 10, 1998	Germany	—	—	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Sheela Khanna	DATE CONSIDERED 12/8/02

*A concise statement of relevance is being submitted in lieu of a translation. 37 CFR § 1.98(b).
1449FORM (Rev. 7/15/1999)

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APR 30 2001

Substitute for Form 1449A/B/R INFORMATION DISCLOSURE STATEMENT BY APPLICANT #4 (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/715,634
		Filing Date	November 17, 2000
		First Named Inventor	Hung
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	98088X207433	

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
SA	C G	HASEGAWA et al., "Effect of Additive Oxides on Ultrafine CeO ₂ Particles Synthesized by the Spray-ICP Technique," <i>Journal of Materials Science Letters</i> , Vol. 15, No. 18, pages 1608-1611 (September 15, 1996).		
SA	C H	VALLET-REGI et al., "Synthesis and Characterization of CeO ₂ Obtained by Spray Pyrolysis Method," <i>Materials Science Forum</i> , Vols. 235-238, pages 291-296 (1997).		
SA	C I	SUZUKI et al., "Synthesis of Ultrafine Single-Component Oxide Particles by the Spray-ICP Technique," <i>Journal of Materials Science</i> , Vol. 27, No. 3, pages 679-684 (February 1, 1992).		
SA	C J	SANO et al., "Analysis of Production Process of Oxidized Metallic Powder (Preparation of Cerium Dioxide Articles by Sprat Pyrolysis Method," <i>Proceedings of ICLASS-1997</i> , pages 1045-1052 (August 18-22, 1997).		

Examiner Signature	<i>Shirba Ahmed</i>	Date Considered	12/9/02
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* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).